Drawing Sheet 1 of 3
Title: SYSTEMS FOR TYPE-INDEPENDENT SOURCE CODE EDITING
Inventors: Piehler et al.
Appl. No.: Unassigned **Filing Date:** Herewith
Docket No.: BEAS-01439US1 **Attorney:** Stephen R. Bachmann
Express Mail Mailing Label No.: EV 386 446 507 US
Telephone No.: 415-362-3800

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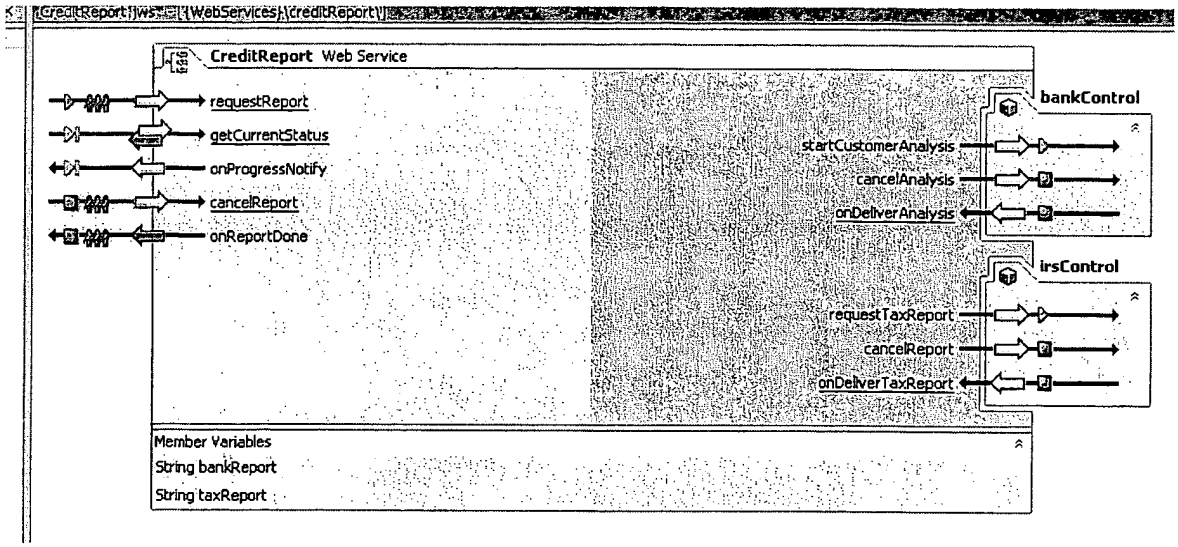

FIG. 1

Drawing Sheet 2 of 3
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CreditReport.jws* - [WebServices\creditReport\]

```
package creditReport;

import weblogic.jws.control.JwsContext;

/**
 * <p>Credit reporting service.  This service simulates constructing
 * a credit report from multiple secondary sources of information.
 * It uses two external services, one representing a bank and the
 * other representing the Internal Revenue Service (IRS).</p>
 *
 * <p>The @jws:conversation-lifetime max-idle-time tag controls how
 * long a conversational instance of this service will survive without
 * seeing activity.</p>
 *
 * <p>Conversations represent resources: they shouldn't be left around.</p>
 *
 * @jws:conversation-lifetime max-age="1 hour" max-idle-time="30 minutes"
 */


public class CreditReport
{
    /**
     * @common:control
     */
    private creditReport.IRSControl irsControl;

    /**
     * @common:control
     */
    private creditReport.BankControl bankControl;


    /** @common:context */
    JwsContext context;

    /*
     * <p>ReportResult is an inner class used to represent a complete
     * credit report.  It is used to return report responses to
     * the client.</p>
     *
     * <p>Inner classes that are used outside the parent class
     * MUST be declared "public static" and they MUST have
     * a public no-argument constructor.</p>
     */
    public static class ReportResult implements java.io.Serializable
    {
        public String bank;
        public String tax;

        public ReportResult() {}
```

FIG. 2

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index.jsp [WebApp\Biographies\]

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html;charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ page import="java.util.List,java.util.ArrayList,java.util.Iterator,databinding.DataBean" %>

<%
    if(request.getAttribute("dataBean") == null)
    {
        DataBean bean = new DataBean();
        ArrayList selectOptions = new ArrayList();
        selectOptions.add("Frodo");
        selectOptions.add("Gandalf");
        selectOptions.add("Samwise");
        ArrayList selectDefaults = new ArrayList();
        selectDefaults.add("Frodo");
        bean.setSelectOptions(selectOptions);
        bean.setSelectionDefaults(selectDefaults);
        request.setAttribute("dataBean", bean);
    }
%>


<html>
    <head>
    <netui:base/>
    <link href="../resources/css/style.css" type="text/css" rel="stylesheet"/>        <title>
            Index
        </title>
    </head>

    <body style="margin:0">
        <jsp:include page="/resources/jsp/header.jsp"/> <br/>

        <table width=100% align=left border=0>
            <tr>
                <td width=5>
                     
                </td>
                <td width=296 valign="top">
                    <netui:image url="../resources/images/gollum5.jpg" height="158" width="294" />
                </td>
                <td valign="top">
                    <p><b>Learn More About the Lord of the Rings Characters</b></p>

                <blockquote>
                 <p> </p>
                 <netui:form action="/selectedCharacter">

                   <p>Select a character, then click Go!</p>
```

FIG. 3